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UNITED STATES DEPARTMENT OF AGRICULTURE
Office of Information, Motion Picture Service
Washington, D. C.

TV FILM CLIP LIBRARY

Volume I
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The Motion Picture Service of the U. S. Department of Agriculture offers a stock scene library service to land-grant colleges and other organizations and individuals interested in using agricultural motion picture footage in the production of films and television programs. Lists of stock scenes available will be published as material is added to the library.

It is suggested that these lists be kept in a ready reference file. The scenes are grouped under the title of the USDA subject for which they were photographed. Further cataloging or cross-indexing will be at the discretion of the user.

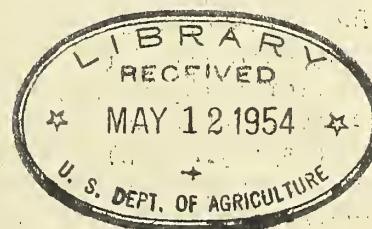
Scenes should be ordered from the Motion Picture Service by the scene numbers and descriptions, and in the length indicated. Double-perforated film stock will be furnished by the Motion Picture Service unless otherwise specified. A check or money order made out to the Treasurer of the United States must accompany each order. Formal purchase orders will be accepted from Federal and State Government agencies.

The following price schedule will be in effect until further notice. These prices are based on costs of printing, processing, packaging, and mailing:

16mm black-and-white prints	\$0.10 per ft.
16mm black-and-white duplicating negative	0.25 per ft.
16mm color prints (made from original)	0.25 per ft.
MINIMUM ORDER	\$5.00

Abbreviation Code:

CU - Close-up
MCU - Medium close-up
ECU - Extra close-up
MS - Medium shot
LS - Long shot
MLS - Medium long shot
ELS - Extra long shot



Scenes from USDA Production CORN (P-1154)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
1	Distant view corn field, some in tassel (strip crop of grass), pans to right, shows good corn	10
2	LS Strip crop of corn (surrounded by grass field)	10
3	Distant view field corn strip crops (green corn)	10
4	Distant view farm, shows green corn and pans to small hay piles in adjacent field	4½
5	Distant view tractor and truck in field, shows corn strip crop, pans	14
6	CU Weeds	9
7	CU Ears of corn (one is on weighing scale)	4
8	ECU Ears of corn (one on weighing scale shows weight)	5
9	CU Ripe ear of corn on stalk (shows kernels)	8
10	MS Corn field ready for harvest, pans to CU ear on stalk	17
11	MS Machine harvesting ears of corn in field (pans away from camera)	7
12	LS Harvesting grain	9
13	MS Young corn, pan to LS of hay baler	10
14	LS Hay baler in action	5
15	LS Boys on machine detasseling corn, approaches camera	15
16	MS Boys on detasseling machine, turns and goes away from camera	17
17	MS Detasseling machine (goes away from camera)	15
18	CU Hand and ear of green corn on stalk	3
19	MS Young corn plants (poor growth)	9
20	MS Sign "Ranger Alfalfa, Fertilizer and Lime Tests" (shows alfalfa field)	7
21	LS Field of hairy vetch	7
22	CU Subsurface tiller blade in rye stubble and corn stalks (goes away from camera)	5
23	LS Green detasseled corn (barns in far distance)	14
24	MS Trench silo (no silage or action)	15
25	LS Loading trench silo with green silage	6
26	" " " " "	4
27	Distant trench silo, empty	14
28	CU Empty trench silo	10
29	CU Mule cultivator plowing young corn (goes away from camera)	13
30	LS Two teams of mules pulling cultivators in very young corn field (approaches camera)	15
31	CU Tractor spraying DDT on young corn for corn borers (goes away from camera)	13
32	Tractor spraying DDT for corn borer control on young corn (approaches camera)	8
33	CU Weevil damage to corn kernels	3
34	" " " " "	8
35	LS Young corn plants in rows	11
36	Boy and man on tractor applying liquid ammonia fertilizer to young corn plants, pans to CU	6

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
37	CU Cultivator blade cutting ground	3
38	" " " " "	4
39	MS Boy and man on tractor applying liquid ammonia fertilizer to corn plants (approaches camera)	8
40	LS Young corn and soy beans in adjacent rows	11
41	" " " " " " " "	9
42	CU Cultivator blade from rear applying Blue Nitro liquid ammonia fertilizer to young corn (goes away from camera to LS)	12
43	LS Side view applying liquid ammonia fertilizer to young corn plants - pans (trees in background)	12
44	LS Tractor pulling toothed drag harrow over smooth plowed field - pans	7
45	LS Tractor pulling toothed harrow over smooth earth field - pans	10
46	MS Round metal storage bin (corn) with coal burner dryer attached	8
47	CU White barn - double bin (no action)	7
48	CU Wood board slat corn storage double crib - full of corn	7
49	LS Down country road - barn in distance - bare fields - no foliage (fall)	7
50	CU Corn root worm on ground	4½
51	CU Silted damaged corn field, tilts to LS (effects of improper drainage)	6
52	LS Good young corn field (green) - pans	10
53	LS Looking on top of good green corn field, pans to men in rows detasseling	12
54	CU Plowing field - goes away from camera	9
55	CU Stubble field - pans to tractor plowing stubble field	23
56	CU Plowing - pans to tractor LS	6
57	CU Plowing past camera	6
58	CU Cutting slices of roast beef	17
59	LS Poor young corn field, sparse and weedy	4½
60	CU Corn stalks - pans to MS strip crop of soy beans and corn	10
61	Distant view corn field - pans, detasseling	8
62	LS Detasseling machine in corn field	7
63	MS Detasseling machine in corn field with boys on platform	12
64	MS Man looking at full grown green corn plants	5
65	CU Hand and ear of green corn on stalk	15
66	MS Silage machine making and loading silage direct into truck from green corn from field	4
67	MCU Making green corn silage direct from field and loading into truck	7
68	CU Grinding yellow corn in hand grinder - pans to moisture content apparatus	12
69	MLS Corn cobs being ejected from corn sheller	7
70	MS Corn bin dryer (man turns it on)	13
71	MS Bag full of yellow shelled corn - man picks up handfuls	5

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
72	MS Hands holding yellow shelled corn	3
73	ECU Hands holding yellow shelled corn	5
74	MS Quonset metal corn storage bin	3
75	MS Weevil-infested corn	19
76	CU " " "	12
77	CU Ears of yellow corn and moisture content measurer - grinding with hand grinder	15
78	MS Corn harvester approaches camera	20
79	MS Harvester loading wagon with ears of husked corn (goes away from camera)	8
80	CU Disc harrow (goes away from camera)	8
81	MS Tractor pulls disc harrow past camera	14
82	Unloading ears of yellow corn into conveyor belt	2 $\frac{1}{2}$
83	MS Corn borer pupa on corn leaf	4 $\frac{1}{2}$
84	" " " " " "	4
85	" " " " " "	4
86	" " " " " "	6
87	" " " " " " (pencil points to pupa)	4
88	CU Broken tassel - corn borer damage (pencil points to point of entry of worm)	5
89	ECU Broken tassel (corn borer damage)	4
90	" " " " " "	5
91	CU Corn borer worm in stalk (borer damage)	6
92	MS Spray nozzles over corn (using DDT)	4
93	LS Spraying young corn for corn borer with DDT	6
94	LS " " " (approaches camera - Hagie machine)	14
95	CU Spray nozzles (using DDT for corn borer control)	3
96	MS Rows of good mature corn	10
97	MS Green soy beans in foreground, corn in background, pans to CU green corn	14
98	MS Soybean plants, corn in background - pans to CU mature green corn ear	17
99	CU Ear of green corn on stalk (no action)	7
100	MS Man and truck dumping green corn silage into trench silo	14
101	LS Man spreading green corn silage in trench silo	7
102	LS Man and conveyor belt loading yellow corn ears into double storage bin	19
103	MS Ripe corn ears loading into conveyor belt	4
104	MS Ripe corn ears loading into conveyor - pans to top of bin	13
105	MS Dryer attached to barn - man goes out of scene	10
106	CU Mercoid humidity control switch	18
107	MS Round wood slat corn-filled storage crib	6
108	MS Wagon load of yellow corn on cob - pans to conveyor belt to top of storage bin	16
109	LS Conveyor belt loading corn ears in storage bin	9
110	MS Conveyor belt with yellow corn ears loading into top of storage bin	3
111	MS Conveyor belt loading yellow corn ears into top of storage bin	7

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
112	MS Conveyor belt loading wood slat round storage crib with ears of corn	6
113	MS Shed type sloped roof wood slat corn storage crib	8
114	MS Spraying young corn plants with DDT (goes away from camera to LS)	9
115	MS Spray nozzles - pans to LS tractor - sprays as it spreads insecticide on young corn plants	9
116	MS Man on tractor spraying young corn with insecticide - pans, goes to LS	14
117	MS Field of young corn plants (from top)	5
118	MS Row of young corn stalks and earth	7
119	MS Looking down rows of young corn	5
120	MS Looking down on rows of young corn (shows earth)	8
121	CU Drainage ditch (black soil), tilts to LS, man and tile machine digging ditch	12
122	CU Tile pipe in drainage ditch	4
123	MS Men and ditch-digging machine	3
124	MS Placing drainage tile pipe in ditch	2
125	MS Men placing drainage tile pipe in ditch - tilts up to men	6
126	CU Water leaving drainage pipe - pans to ditch and LS field	11
127	LS Drainage ditch in field - pans to distant view ditch-digging machine in field - water drains off	7
128	CU Effects of poor drainage on young corn plants - pans to LS, shows silted earth	6
129	Tractor cultivating young corn, CU to LS (goes away from camera)	12
130	Tractor cultivating young corn, LS to CU (approaches camera)	6
131	CU to LS, tractor cultivating corn (shows contour)	20
132	Distant view, tractor in young corn field - shows contour (approaches camera to MS)	18
133	Distant corn field - strip crops	9
134	CU Tractor plowing black earth	8
135	MS Dryer and corn crib	6
136	CU Disc harrow - goes to MS	4
137	Corn test plot, potash deficiency sign - pans to "balanced fertility" sign and good corn	10
138	CU Sign - "Potash deficiency"	6
139	CU Sign - "Balanced fertility"	7
140	CU Wilting corn leaf in hand	5
141	CU Weeds - pans to grass and weeds	6
142	CU Corn plant with bag over stalk--cuts silk off ear	4
143	MS Man placing bag over tassel to collect pollen	10
143a	" " " " " - collects pollen	5
144	MS to CU - corn field (truck shot)	16
145	" " " " " "	20
146	CU Green corn silage in screw conveyor	10
147	MS Young corn plants - few weeds in rows	11
148	MS Rows of young corn (a few weeds in rows)	11
149	MS Rows of young corn (several weeds in rows)	13
150	MS Rows of young corn (no weeds)	11

Scenes from USDA Production CORN (P-1154)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
151	MS Rows of young corn (a few small weeds in rows)	8
152	MS Rows of young corn (grass in rows)	8
153	MS Rows of corn after cultivation (no weeds)	12
154	MS Man digging soil sample (corn fodder on ground)	12
155	CU Soil sample - placing in carton	4
156	MS Man placing soil in bucket	17
157	CU Soil samples in bucket, hand filling carton	12
158	LS Man digging soil samples	14
159	LS Trench silo (man comes in)	17
160	LS Trench silo	10
161	CU Weevil on corn (weevils move over corn)	26
162	CU Weevil holes in corn (some weevils shown)	9
163	" " " " " " "	7
164	" " " " " " "	7
165	" " " " " " "	6
166	CU Corn plants against sky and clouds (waving leaves)	10
167	CU to LS Field of young corn - shows leaves - pans	6
168	" " " " " " - no tassels - shows leaves - pans	12
169	CU to distant field of young corn - no tassels (trees in distance)	3
170	LS Applying liquid ammonia fertilizer to corn (goes away from camera)	16
171	CU Dry corn harvester (picker sheller) - pans - goes away from camera	9
172	MS Hopper full of shelled corn (doesn't show much corn)	5
173	LS Dry corn harvester (approaches camera)	20
174	MS Shelled corn pouring from spout into truck - man shovels corn	9
175	LS Machine harvesting ears of corn into wagon	14
176	CU Disc cutting corn stubble (goes away from camera)	9
177	Distant air view farms (green) - all in Iowa	7
178	Distant air view farms, green corn (road in distance)	8
179	Distant air view farms, shows contours - Iowa	7
180	Far distant air view farms, shows contours - Iowa	10
181	Distant air view farms, green corn (shows contours)	7
182	Similar to Scene 181 - Elkader, Iowa	7
183	Distant air view city and river - Elkader, Iowa	7
184	Air view, city and river, CU - Elkader, Iowa	6
185	MS Man taking soil samples with auger bit - places it on brown paper near carton	18
186	CU Placing soil samples on canvas, then into paper cartons	29
187	MS Man picking up soil samples (shows face)	9
188	CU Soil in hands	13
189	Distant air view farms (green corn)	11
190	" " " " " " "	7
191	Far distant air view, farm building and farms (shows roads - green corn)	9
192	MS Air view, shows strip crops, corn (to distant view)	6
193	Distant air view, shows strip crops and contours	7
194	Far distant air view, shows strip crops and contours	6
195	" " " " " " " " "	5

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
196	Far distant air view, shows strip crops and contours	5
197	" " " " " " " "	10
198	Distant air view, shows corn strip crops and contours	5
199	CU Worm on kernel of corn	10
200	MS Shows filled wood slat corn crib and temporary snow-fence crib	16
201	MS Man with spade digging soil sample (does not show face)	6
202	CU Corn leaf (shows pin-point worm damage)	4
203	MS Corn stalk and leaves - worm damage	6
204	CU Cultivating very young corn	6
205	LS Tractor cultivating young corn	7
206	Sign "Balanced Fertility" and good strong corn plants	3
207	CU Sign "Balanced Fertility"	9
208	CU Sign "Nitrogen Deficiency"	9
209	LS Two signs, as above, and corn plant samples in test plot	14
210	CU Ground - pans to farm buildings	10
211	LS Farm buildings and house	9
212	Distant farm buildings and house	10
213	Young corn plants in foreground, buildings distant	9
214	Young corn plants in foreground, silo in background	5
215	LS Mule teams (two) cultivating young corn (approaching camera head on)	17
216	MS Tall corn (bare earth in foreground)	10
217	CU Tall corn - man comes in and looks at corn	14
218	Distant view of cornfield - shows weeds - pans	17
219	Tractor spreading 2,4-D weed killer down rows of corn	12
220	Cornfield - weeds in rows (tractor in distance)	5
221	CU Weed killer spray nozzles (using 2,4-D)	4
222	CU Worm holes in leaves and corn stalk	10
223	MS Hands spreading corn leaves to show worm damage	8
224	MS Young corn plants - CU tractor applying liquid fertilizer	8
225	CU to LS Fertilizing young corn with blue nitro shooter (Junior)	10
226	LS Fertilizing corn with liquid fertilizer - trees in background	12
227	MS Tractor approaches camera with fertilizer tank - pans to CU	6
228	CU Young corn with grass in rows	13
229	LS Tractor spraying corn plants	11
230	Distant air view showing contours	8
231	" " " farms, showing contours	7
232	" " " " " "	7
233	LS Air view farms, showing contours	7
234	Distant air view showing farmstead	8
235	" " " " farms	8
236	MS Air view corn, showing contours	7
237	CU Broken corn tassel	3
238	CU Worm damage on leaf of corn plant	3
239	MS " " " " " "	3
240	MS Large smut growth on corn	1
241	CU " " " "	4

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
242	CU Corn borer inside stalk	4
243	" " " " "	5
244	CU Corn borer near hole in stalk - coming out	3
245	" " " in hole in corn stalk	5
246	" " " " " " "	5
247	CU Worms in roots of corn plant	4
248	" " " " " " "	5
249	MS Young corn - weeds in rows	7
250	CU Young corn plant - damaged leaves	12
251	LS Rows of good corn - trees in background	4
252	MS Corn plants - weeds in rows	9
253	" " " - large weeds in rows	8
254	" " " - no weeds	9
255	MS Corn strip crop - tractor in background - pans	26
256	MS Corn in rows after tractor has cut out edge weeds - pans to tractor	15
258	Man dumping truck of silage into conveyor	3
259	CU Silage in screw conveyor	2
260	Distant view corn contour planting (tractor in background)	5
261	LS Top of corn field (highway in distance) - pans to farms	18
262	LS Making silage and loading truck in field	14
263	CU Cultivator tractor goes away from camera down row	8
264	LS Harvesting corn silage into truck in field	8
265	MS " " " " " " " - pans to CU	16
266	CU Dried shelled corn	4
267	CU Dryer blower fan	9
268	MS Ear corn harvester loading into wagon - pans (at end of corn field, hills in background)	27
269	MS Ear corn harvesting machine at end of corn field - loads into wagon - pans to show complete operation	39
270	Distant view corn harvesting machine - leafless trees on hill in far distance	12
271	MS Truck dumping - pans to conveyor belt loading yellow corn ears into open wire storage crib	12
272	CU Conveyor loads yellow ears of corn into open wire storage crib (tilts down to crib full of corn)	11
273	LS Tractor pulls wagon of corn up to conveyor belt - barnyard in background - pans	16
274	MS Man places conveyor into position	6
275	MS Man dumping corn ears into conveyor - tilts to loading open wire storage crib with corn	19
276	CU Ear corn in conveyor - pans to top of open wire storage crib - tilts to man inside bin full of corn	14
277	CU Ears of corn coming out of conveyor spout into crib	3
278	CU Ears of corn ejected from spout into crib	8
279	CU Ears of yellow corn in open wire crib	7
280	MS Yellow ears of corn ejecting from spout into crib - tilts down to crib full of corn	12
281	MS Yellow ears of corn ejecting from spout into crib - tilts down to crib full of corn	13
282	LS Truck dumping corn into conveyor (does not show much corn--end of dumping)	10
283	CU Yellow corn ears in open wire bin	9
284	ECU Ear of yellow corn	4

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
285	CU, Ladak grass	3½
286	CU Giant wild rye (high yield, grows very tall, little seed commercially available)	3
287	CU Fairway crested wheat grass	3
288	ECU Fairway crested wheat grass	4
289	ECU Pubescent wheat grass	4
290	CU Bulbous barley grass	3
291	MCU Bulbous barley grass (shows clouds)	3
292	CU Cicer milk vetch	3
293	CU Sickle milk vetch	3
294	CU Vicia fenuifolia grass	3
295	CU Spiked blue bunch wheat grass	3
296	LS "Major's Flat" experiment plot - Utah (no irrigation or fertilizer)	5
297	MLS Pan from unimproved mountain brush to "Major's Flat" experiment plot	10
298	Distant cattle grazing on reseeded mountain, lake in foreground (Western)	8
299	LS Hereford cattle grazing (water in foreground)	5
300	Distant view, good western grazing area at foot of mountain slope - pans to left, distant cattle grazing (Utah)	16
301	Distant view, sheep on western grazing area (Utah)	7
302	LS Sage brush, distant trees and hill	4
303	MS Sage brush, tilt to LS sage brush and trees, and hill	8
304	MS Unseeded western range (shows grasses)	5
305	LS Unseeded gulley (shows bare soil) (Western)	5
306	MS Unseeded gulley - tilts to LS of gulley (shows bare soil)	8
307	Distant view, western country, valley and mountain range in far distance (Ephriam, Utah)	10
308	LS Sheep truck on western mountain dirt road	9
309	LS Unloading sheep from truck on range	13
310	CU " " " " " " " "	3
311	CU " " " " " " " ~ pan to sheep on range	10
312	Distant view through sage brush, releasing sheep from truck ~ pans to MS of sheep in sage brush	13
313	LS Sheep on western mountain road	12
314	MS Sheep on western mountain road ~ pans to LS	14
315	LS Spreading manure in pasture	11
316	MS Spreading manure, colored boy driving ~ pans	12
317	MLS Cows and calves grouped in pasture ~ corn field in background	5
318	Distant view, model grass farm ~ pans to show corn and grass fields	18
319	MS Range grasses, tilts to LS, sheep grazing on reseeded mountain brushland (Utah)	11
320	LS Sheep grazing on mountain brushland (reseeded)	7
321	MLS Sheep grazing on mountain brushland (reseeded)	4
322	" " " " " " " "	7

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
323	Distant view sheep grazing on mountain slope (mountains in far distance)	9
324	Distant view sheep grazing on mountain slope - pans	14
325	LS Man on horse - sheep grazing in distance	13
326	MS Unimproved mountain brush - tilts to LS of reseeded area, sheep grazing	14
327	CU Grass and hand enters, holds stem of grass and strips off green blossoms and holds in hand	22
329	CU Clumps of range grass (wind blowing)	14
330	CU Clumps of range grass (wind and dust)	13
331	CU Clumps of range grass (wind blowing sand)	11
332	CU Clumps of range grass (wind blows sand)	5
333	CU Wind blowing sand against clumps of grass	9
334	Blue sky tilts down to MS, N. Y. skyline - ends tilt on MS old buildings	9
335	LS Plowing pasture	4
336	ECU of a blade of grass (goes out of focus at 4 feet)	4
337	CU Blade of grass	6
338	MS Cutting sage brush with rotary brush cutter (Oklahoma), goes away from camera	15
339	MS Rotary brush cutter approaches camera, passes in front and goes away to LS cutting sage brush (Oklahoma)	9
340	CU Rotary cutter goes away from camera to LS cutting sage brush (Oklahoma)	10
341	LS Sage brush and skunk brush, 3-blade rotary cutter enters same and cuts brush going away to LS	8
342	MS Sage brush - rotary cutter comes into scene cutting brush and goes away to LS	11
343	LS Cut sage brush - rotary cutter comes in LS	17
344	LS Airplane spraying - pan and goes away	12
345	" " " " " " "	6
346	" " " " " " "	11
347	" " " " " " " (good light)	9
348	New York skyscrapers - tilts from sky to city street scene	9
349	CU Old shoe and wagon frames on bare red earth	7
350	MS Abandoned wooden house - no paint, old chimney	8
351	MS Portion of abandoned house	8
352	CU Portion of abandoned house - shows chimney	6
353	LS Abandoned barn, road leading to it	14
354	MLS Abandoned farm building - weeds and dry grass in yard	2½
355	MLS Abandoned farm building - weeds and dry grass in yard	6
356	MLS Hereford cattle grazing on crested wheat grass, mountains in distance	9
357	LS Mormon crickets and grass clumps	4
358	LS Mormon crickets on earth	7
359	LS Mormon crickets laying eggs, ovipositor in earth	8
360	" " " " " " " " "	5
361	LS Mormon crickets on ground	5
362	" " " " " " "	10

Scenes from USDA Production GRASS - THE BIG STORY (P-1144)

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
400	MS Sheep bunched together - looking down on backs	11
401	MS Cattle in stockyard pen - come toward camera (Baltimore, Md.)	6
402	MS Cattle in stockyard pen - backs to camera (shows men in LS also)	6
403	LS A few cattle entering weighing station of stockyard (Baltimore, Md.)	3
404	LS Sheep on western mountain dirt road	5
405	" " " " " "	6
406	" " " " " "	10
407	LS Sheep on dirt road and hillside - pans, shows sheep herder following with horses	13
408	Man driving sheep on dirt road	5
409	MS Truck towing sheep herder's wagon on western dirt road - approaches, pans and goes away from camera to LS	22
410	MS Tractor disc harrowing plowed field (pans and goes away from camera)	12
411	LS Big truck spreading lime over pasture (trough spreader)	7
412	MS Broken chain, old tire and miscellaneous junk on ground	8
413	LS Tractor mowing grass - field chopper follows in LS	8
414	MS Field chopper loading into truck - pans	7
415	MS Field chopper - picks up grass from windrow, loads on truck, pans	12
416	LS Drainage ditch - pans to reclaimed land	6
417	LS Drainage ditch - pans to reclaimed pasture land (good green pasture)	11
418	MCU Japanese beetle grubs on bare earth	9
419	CU Reseeded pasture, tilts to LS Hereford calves (King ranch)	12
420	CU Reseeded pasture - tilts to LS Hereford steers	12
421	LS Tank truck filling plane with spray liquid 2,4-D (Oklahoma)	7
422	LS Tank truck filling plane with 2,4-D spray liquid	6
423	MS Spray plane takes off (Oklahoma)	4
424	LS " " " " "	8
425	Unsprayed range contrasted with range sprayed with 2,4-D	7
426	" " " " " " " "	13
427	LS Whirlwind picking up dust	10
428	LS Tractor drawn fertilizer distributor on pasture with irrigation pipes	5
429	CU of same fertilizer spreader - passing	9
430	MLS Two tractor drawn plows turning grass under	9
431	CU Sod being turned under - plow goes into MLS	9
432	LS of beehives in red clover field, low angle with MCU of clover blossoms	7
433	Pan across abandoned pasture to abandoned house	12
434	MS Field of sage brush - airplane approaches, pans with plane and holds on flagman	11
435	MS Sagebrush - plane passes - pans with plane	14
436	CU Flagman as he walks away into MLS	7
437	CU Salt box - man pours in salt (for cattle)	3

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
438	MS Man pouring salt in salt box and walks out of frame - cattle in background on sage brush pasture	9
439	MS Salt filled box - cattle in background on sage brush pasture	8
440	Pond in foreground - cattle, corral, windmill in background	7
441	Pond in foreground - cattle, corral, windmill in background	9
442	Tractor drawn spray rig with boom spraying sage brush - pans as it turns and goes away	17
443	Tractor drawn spray rig going on sage brush	9
444	Pan with plane flying over sage brush	11
445	" " " " " "	13
446	MS Pan with airplane flying over sage brush, and hold on flagman	3
447	Similar to Scene 446	11
448	" " " "	6
449	" " " "	10
450	CU Hands in alfalfa	8
452	MS Hereford cattle in dry grass	13
453	CU Down shot on grass - tilt to LS of Herefords	12
454	MS Three Herefords in sage brush pasture	4
455	MS Herefords in sage brush pasture - pan to left	13
456	CU Tuft of grass - tilt up to large expanse of grass	12
457	MS Barbed wire fence across expanse of sage brush - pan to area of grass with cattle in distance	12
459	Combine coming - harvesting grass seed	6
460	LS Sheep on hillside pasture	3
461	MS Sheep moving into pasture - fence in foreground	9
462	CU Clumps of grass (blue stem) in rows (test plot)	5
463	" " " " " " " " " "	5
464	CU Clumps of gramma grass	4
465	CU Clumps of blue stem grass	4
466	CU Clump of blue gramma grass	4
467	MS Field of young sorghum	6
468	LS Man on horseback rides up, looks over area	17
469	CU Down shot on grass, tilt up to LS of cattle	13
470	" " " " " " " " " "	9
471	" " " " " " " " " "	13
472	Aerial shot - terraced hillside	5
473	" " - rangeland, mountains in background	6
474	" " - terraced hillside	8
475	" " "	13
476	" " - terraced hillsides and eroded land	13
477	" " " " , mountains in background	8
478	" " - square fields and town	9
479	" " " " " "	5
480	Low shot along rows of planted grass	4
481	CU Low shot along rows of planted grass	5
482	Aberdeen Angus cattle on pasture - man walks in, examines grass	15
483	CU Aberdeen Angus cow - head on	11
484	MS Four Aberdeen Angus cows in pasture	8

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
485	Microscopic shot - section of leaf showing cells	15
486	CU " " " " " "	10
487	CU of grub	8
488	" " "	3
489	" " "	9
490	CU Feet walking on bare soil - pan with, then to car	9
491	MS Man (Okie type) placing baby carriage in car	14
492	CU Head of Okie as he turns	9
493	" " " " " "	9
494	MS Pigs on pasture - shelters in background	6
495	LS Truck entering trench silo	20
496	Closer shot of truck entering silo - passes camera	9
497	LS Turning under green manure	18
498	" " " " " " - pan with tractor	24
499	LS Tractor turning under grass - approaches to CU and pan with plow	15
500	LS Tractor turning under grass - tractor goes into LS	17
501	" " " " " " " "	16
502	CU Petri dishes - pan to MS of microscope	19
503	MS Man at laboratory table - test tubes, flasks, etc.	15
504	Over shoulder shot of above action	13
505	" " " " " "	11
506	" " " " " " - closer	12
508	MS Rear end of milk tank truck - it pulls away	3
509	MS Cows in stockyard pen (Baltimore)	8
510	" " " " " "	2
511	CU Feet walking in dust - pan with them to old car	11
512	Similar to Scene 511	10
513	" " " "	10
514	" " " "	8
515	" " " "	8
516	MLS "Okie" type character loading furniture	15
517	Similar to Scene 516	15
518	" " " "	13
519	CU "Okie's" face	10
520	Pan across cut-over woodland - hardwoods	17
521	Similar to Scene 520	15
522	CU Grass against sky	33
523	Similar to Scene 522	22
524	MCU Grub - on ground	16
525	" " " " (burrows in)	14
526	" " (Japanese beetle)	9
527	" " (burrows in)	12
528	CU Grub on ground	2
529	MS Cattle truck on highway	3
530	MLS Large cattle truck and red pick-up truck on highway	4
531	MLS Cattle truck and car going on highway	7
532	MLS Large cattle truck going on highway	5
533	MLS Stake body cattle truck and car going on highway	5
534	NLS Two large cattle trucks going on highway	8
535	MS Two Jersey calves in green pasture	4

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
536	MLS Large cattle truck going on highway	5
537	MLS Large red cattle truck going on highway	6
538	MLS Large cattle truck going on highway	5
540	Field of grass - tilt up to sky	13
541	Similar to Scene 540	12
542	" " " "	11
543	Sky - tilt down to CU of grass and clover mixture	12
544	Similar to Scene 543	14
545	MS Modern dairy barn - tank milk truck drives in, Maryland-Virginia milk producers' symbol on back of truck	12
546	MS Boys playing baseball on grassy plot - shot through wire mesh back stop	3
547	Similar to Scene 546	5
548	Blue sky - tilt down to ECU of grass and dolly in	24
549	MLS Loading dry topping material for trench silo onto dump truck with scoop attached to tractor	16
550	MLS of one end of trench silo - same, dump truck pulls into silo and man walks behind it	11
551	MCU Back of truck and man as truck dumps topping material on grass silage in trench silo	13
552	Similar to Scene 551 - man starts spreading topping material	20
553	MS Continue above action - man spreads topping material over silage	15
554	LS Forage harvester comes into ECU picking up grass from windrows and blowing it into truck	15
555	MS Man in milking parlor washing cow's udder, glass milk tank in foreground (Holstein-cow)	12
556	CU Hind quarters of Holstein cow in milking parlor - man attaches milking machine	13
557	CU of milk in glass tank - tilt up to dial of scales	16
558	Similar to Scene 557	15
559	LS Cattle on dead sage brush pasture	5
560	MLS Unimproved sage brush range, barbed wire fence in middle of frame (Woodward, Oklahoma)	3
561	LS of cattle across weedy range - pan to left	4
562	Pan across CU of young corn	6
563	MCU Three hogs at feeder wallowing in mud	3
564	LS Across lush pasture - trees in distance - man rides into left middle ground and into distance	12
565	MLS Man with back to camera - walks into pasture - stops and examines grass, then walks out of frame to left - black cattle in middle distance	15
566	CU Back of tank milk truck (bearing word "milk" only) - pulls away along highway	11
567	MS Tractor drawn plow turning under grass	5
568	Similar to Scene 567	9
569	LS Tractor drawn plow turning under grass	5
570	Sky shot with horizon - sun rays through clouds	6
571	Similar to Scene 570	8

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
572	Sky shot with horizon - sun rays through clouds	5
573	" " " " " " " "	7
574	Clouds with horizon - brightly illuminated	13
575	ELS Truck spreading lime on plowed ground	12
576	LS " " " " " " "	10
577	" " " " " " "	2 ¹
578	Rear view of truck spreading lime on plowed ground	5
579	Sky - slow tilt down; past skyscrapers to tenement houses (New York)	21
580	Similar to Scene 579	9
581	" " " " - to street scene	16
582	Tilt down past skyscrapers to street scene	16
583	CU Alfalfa plant with spittle from spittle bug	10
584	Similar to Scene 583 - closer	8
585	Similar to Scene 584	2
586	MLS Cattle pens, mountains in background	4
587	Desert range, sage brush, mountains in background	3
588	Farmstead in green irrigated valley - mountains in background	2
589	Desert range, sage brush, mountains in background - pan right across irrigated valley	18
590	MCU Three men loading tractor-drawn truck with silage from trench silo (winter)	15
591	CU of pitch fork and silage being thrown in wagon	22
592	MLS Three men loading silage from trench silo onto tractor-drawn wagon	15
593	MLS Three men dumping silage from tractor-drawn wagon in pasture (winter)	2
594	MLS Three men dumping silage from tractor-drawn wagon in pasture (winter) - continue action as cows eat silage and wagon goes into distance	20
595	LS Grass on terraced hillside - pan to patches of snow on slopes (Wasatch Mountains near Ogden, Utah)	21
596	Similar to Scene 595	19
597	MS Say's plant bug on wheat	6
598	MS Irrigated grassland - pan to left to undeveloped pasture land (Utah)	17
599	Similar to Scene 598 - fast pan	13
600	Irrigation ditch - irrigated pasture and mountains in background (Utah)	5
601	LS Cattle grazing on irrigated pasture and mountains in background (Utah)	3
602	LS Hereford cattle being driven along highway - cars passing, storm clouds in background	15
603	MS Similar to Scene 602 - two horsemen driving cattle	13
604	Similar to Scene 603	3
605	CU Forage harvester passing - harvesting grass	10
606	Tractor-drawn mower in grass - comes from behind camera and goes into LS	10
607	Poultry range - pan right to poultry houses - pan left back to range (Indiana)	20

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
608	Poultry range, farmer moving portable poultry houses with tractor	15
609	Poultry houses and poultry on range (Indiana)	8
610	CU Scales in foreground as hand manipulates balance bar - lambs in background	14
611	CU Down shot on sparse desert rangeland - tilt up to LS of herd of sheep - mountains in background	9
612	Similar to Scene 611	10
613	ELS Herd of sheep on desert range, mountains in background - pan left	10
614	CU Down shot on sparse desert range - tilt up to LS of herd of sheep	10
615	LS from mountain top into mountain valley - Great Basin area near Ephriam, Utah - mountains in background, trees in foreground	7
616	LS from mountain top into mountain valley, mountains in background	4
617	MCU Poor cow in weedy pasture, gazing across fence toward camera	6
618	CU Poor cow grazing in weedy pasture	4
619	MCU Poor cow grazing in weedy pasture	3
620	LS Mountain range, natural growth, sub-Alpine patches of snow	7
621	Similar to Scene 620 - rock barren	5
622	LS Sheep herd in mountain pasture	5
623	Similar to Scene 622	6
624	LS Sheep being herded through mountain pass	5
625	Similar to Scene 624	7
626	MCU Alpine pasture, two men on horses herding sheep	12
627	MS Up shot of three men throwing grass from rear of truck	6
628	MS of rear of truck - screw conveyor at base of silo as grass is thrown in - tilt up to top of silo	13
629	CU of screw conveyor as grass is thrown in	8
630	MS Forage harvester picking grass up from windrow - comes into ECU	16
631	Similar to Scene 630	15
632	MS Man working at laboratory table - tubes, flasks, etc.	3
633	MS over the man's shoulder as he works in laboratory	4
634	Laboratory technician putting grass in blender	6
635	LS of pasture - baled hay in middleground, cattle lying in background	5
636	LS Across sheep range - sheep in distance, man standing by horse in middle foreground	6
637	LS Same, man on horse, rides toward sheep	12
638	LS Sheep on range	4
639	LS Combine harvesting grass seed approaches camera - blue sky, cloud background	10
640	MS Hand picks up and sifts dry, sandy soil	6
641	MCU White-faced cattle in sage brush	4
642	LS from floor of silo - caterpillar tractor packing silage in trench silo	8

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
643	LS from floor of silo, dump truck enters trench silo	6
644	MS from rear of truck in trench silo - man in scene as grass is dumped	20
645	LS from floor of trench silo, as dump truck filled with grass enters (not much action)	17
646	MS Side view of truck dumping grass in trench silo - shot from ground level	3
647	MS Closer - continue action above - man in scene	4
648	MS Bulldozer packing grass in trench silo	7
649	ELS Bullrake picking up grass	5
650	MLS Bullrake picking up grass - comes into CU	7
651	LS Fertilizer distributor going - in pasture	4
652	CU Disc harrow in plowed field with weights shot from tractor	7
653	Similar to Scene 652	10
654	" " " "	9
655	Down shot on grass and clover pasture (no action)	19
656	Similar to Scene 655	6
657	LS across grass and clover pasture (no action)	7
658	LS Holsteins on lush pasture, slow pan to right	24
659	Similar to Scene 658	4
660	LS Dairy cattle on lush pasture	6
661	MS " " " " "	6
662	" " " " "	4
663	MS Drill with disc harrow coming toward camera into ECU - pan with it as it goes into LS	12
664	ELS of same drill working in plowed field	8
665	MLS Man walking in plowed field - he stoops to examine soil	12
666	MLS Man walking in freshly plowed field - he stoops to examine soil	13
667	Similar to Scene 666	13
668	MCU of same man examining soil clinging to grass roots	8
669	LS Bulldozer at work on pond (Oklahoma)	10
670	MLS Bulldozer at work on pond - short pan to left	10
671	Sand dunes - Oklahoma	6
672	" " "	10
673	" " " (blue sky and clouds in background)	10
674	CU Cutter bar of mower in grass - tilt up and pan as mower goes away	7
675	MS Dairy cattle emerging from cattle underpass under highway	13
676	Similar to Scene 675	6
677	MLS Row crop - pan left across fence, lane, to pasture - then to poultry on range, hold on poultry for 6 feet	12
678	Similar to Scene 677 - hold on poultry for 7 feet	17
679	CU Birds-foot trifoliate and Timothy mixture, tilt up to MS of Angus cattle (Indiana)	11
680	LCU Down shot, frame filled with turkeys on range	3
681	MLS Turkeys on range - shelters and feeder in background	5
682	Similar to Scene 681	7

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
683	MS Turkeys on range - shelters and feeder in background	6
684	Similar to Scene 683	11
685	CU Eroded soil in pasture - pan left to CU of good growth of clover and fescue grass	19
686	Similar to Scene 685	17
687	ELS Distant dairy cows in pasture - pan left to ELS of haying operation	23
688	MS Sheep being loaded onto truck - loading chute from lower left of frame into truck	13
689	MS Two men in corral with sheep - pan right along loading chute to truck being loaded	10
690	LS Front and side of red truck filled with sheep - truck pulls away from loading chute toward camera	8
691	Similar to Scene 690	10
692	" " " "	7
693	MLS Two men at scales - sheep in background, third man drags in sheep and it is weighed..	10
694	MS Continue above action as one man weighs and examines ewe and another records,	20
695	CU Hands manipulating clump of Italian rye grass showing roots .	24
696	Similar to Scene 695	14
697	MS Two men repairing barbed wire fences	17
698	MLS Man in field of alfalfa and orchard grass approaches camera, stoops and examines grass, then exits to right	10
699	Similar to Scene 698	9
700	MS Aberdeen Angus cattle on pasture	5
701	MCU Aberdeen Angus cattle	10
702	CU Head of Aberdeen Angus	4
703	Similar to Scene 702	3
704	LS Across pasture to row of beehives among trees	4
705	Similar to Scene 704 - closer	7
706	LS Strip cropping - grass and corn, buildings in background	9
707	LS Holsteins on pasture	6
708	Manure spreader passing - down shot	3
709	CU of ground, manure falling	2
710	MS Pan with passing manure spreader	18
711	Good Holstein cow on lush pasture	5
712	Similar to Scene 711	8
713	CU Holstein cow's head - grazing in clover	15
714	Two soil maps - pan from one to other	9
715	Fertilizer distributer passing	7
716	Pan with fertilizer distributer passing	17
717	CU Same from rear, goes into LS	10
718	ELS filling silo (beside barn) with grass silage	6
719	Similar to Scene 718	8
720	MCU Man adjusting drill	10
721	LS Man driving tractor with water tank among poultry houses (cuts before it stops) - shows white leghorns (Indiana)	6

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
722	Distant man takes bag off wagon and pours feed into chicken feeding trough - several poultry houses in distance - white leghorns (Indiana)	7
723	MS Man gets off tractor - picks up bag of feed and dumps it into poultry feeding trough - poultry house in background, white leghorns	20
724	CU Pouring grain (corn) from bag into poultry feeding trough	7
725	CU Pouring ground feed from bag into poultry feeding trough	7
726	MS Man pouring water into round poultry drinking can	8
727	LS Pan from untreated mesquite to mesquite sprayed with 2,4-D - one year later (Oklahoma)	12
728	MS Treated mesquite (Oklahoma)	3
729	Similar to Scene 728	3
730	CU Reseeded grass on sandy soil - hand picks up dry soil - tilts to LS good stand of grass - Black Angus cattle in distance	16
731	Distant - sheep in aspen grove	4
732	Distant - sheep trailing through aspen grove (sheep do not show very well) - Utah	10
733	Distant view sheep in meadow - aspen grove in background - Utah	3
734	Distant view, sheep entering aspen grove, herder on horse follows - Utah	8
735	LS Men loading sheep from corral into truck	14
735a	Similar to Scene 735 - Utah	13
736	LS Sheep in corral - pans to loading into truck	14
737	MS Sheep in corral - tilts to LS loading into truck	6
738	ECU Early June beetle grubs	4
739	MCU " " " " on dirt	11
740	Similar to Scene 739	13
741	CU of single early June beetle beginning to burrow into dirt	15
742	LS Early June beetle grub crawls on dirt from left to right and begins to burrow in dirt	9
743	CU Horse-drawn spray and tank with booms spraying for morning glorys in tall grass - pans and goes away to LS	9
744	LS Tilt down from mountain brush area reseeded by air to CU patch of grass (Smooth Brome, orchard and meadow oak grass)	9
745	Distant view sheep in western meadow, looking through aspen trees	4
746	Distant view through aspen trees - sheep in western meadow	11
747	MLS through aspen trees - sheep in western meadow - distant sheep herder on horse	11
748	LS Cutting and raking grass into windrows - pans to CU and goes away from camera to LS (Indiana)	15
750	Distant view terraced mountain side to prevent floods - pans (Wasatch Mountains, near Ogden, Utah)	8

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
751	LS Terraced mountain slopes to prevent floods. (Wasatch Mountains, near Ogden, Utah)	5
752	LS Terraced mountain slope to prevent floods - pan down slope to valley (Wasatch Mountains near Ogden, Utah)	22
753	LS Terraced mountain slope to prevent floods - pans to distant view of slopes and mountains in distance	22
754	Distant view, terraced mountain slope (no pan)	3
755	MS Hereford cattle in loading pens - preparing to load in cattle cars on RR siding	17
756	CU Row of beautiful porterhouse steaks in store display - hand removes middle one	4
757	Similar to Scene 756 - hand points to fat	9
758	" " " " " " " "	7
759	MS Cowboys loading cattle from pens into RR cattle car (camera is hand held)	5
760	Similar to Scene 759	6
761	MS Two combines harvesting wheat - approach camera	8
762	LS Combine harvesting wheat	5
763	MLS Rear end of tank milk truck going along highway	8
764	LS Two beehives in woody pasture	5
765	MCU " " " " "	8
766	High shot of automatic feeder going, feeding white-face cattle (dry feed)	18
767	Lower shot and closer of same action, heads of cattle in foreground	20
768	MS Automatic feeder - coming toward camera into CU - feeding dry food to white-face cattle	9
769	MS Round poultry watering can, hands enter, fill can	9
770	MS Man pouring food from sack into poultry feed trough, tractors and poultry house in background - pan to left to poultry on range	13
771	MLS Poultry - seven white chickens on range	3½
772	Similar to Scene 771	9
773	High shot of row crop - pan left past fence, lane and pasture to poultry on range	27
774	LS Two Holstein calves on pasture	4
775	Similar to Scene 774	4
776	Pick-up truck loaded with milk cans comes from behind camera to end of lane, then turns left into road	10
777	Same action - shot from top of camera truck	8
778	MS Same pick-up truck emerges from lane to left and goes away on dirt road	8
779	CU Out-of-focus clover is pulled aside to reveal spittle bug	3
780	CU Spittle bug	3
781	Expanse of clover grass mixture - tilt up to sky with clouds	9
782	Similar to Scene 781	12
783	" " " "	10

Scenes from USDA Production GRASS--THE BIG STORY (P-1144)

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
784	Sky - tilt down to CU of grass	4
785	Similar to Scene 784	9
786	" " " "	9
787	" " " "	7
788	" " " "	7
789	MLS Two Jersey calves on green pasture, walk into MS	4
790	MS Two Jersey calves standing in green pasture	8
791	MLS " " " " " " "	7
792	CU Water running in small gully	7
793	Sky, tilt down to CU of grass and dolly in	18
794	Similar to Scene 793	19
795	ECU Blade of grass - dolly into out of focus	10
796	Similar to Scene 795	13
797	" " " "	12